

Amendment to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1. (currently amended) A high-pressure gas-discharge lamp, having at least one gastight fused press-seal between a glasslike material and molybdenum, wherein the molybdenum in the fused press-seal is at least partly exposed to an oxidizing environment and at least that part of the molybdenum that is exposed to the oxidizing environment is covered with a coating, characterized in that the coating comprises at least one oxide from among Fe_2O_3 , Ta_2O_5 , Nb_2O_5 , Al_2O_3 , SiO_2 , TiO_2 , ZrO_2 , HfO_2 , and at least one of a nitride or a carbide wherein the nitride is selected from TiN , ZrN , HfN , AlN , BN , and wherein the carbide is selected from TiC , ZrC , HfC , VC , NbC , TaC , B_4C , and further characterized in that the coating is built up from at least two layers, wherein (i) the layer of the coating that is applied directly to the molybdenum is an intermediate layer composed of a nitride and/or carbide a mixture of nitrides and carbides with a quantitative ratio of nitrides to carbides which results in a coefficient of thermal expansion (CTE) of the intermediate layer having a value that is between that of molybdenum and that of the following layer and (ii) the following layer is composed of an oxide or a plurality of oxides.
2. (original) A high-pressure gas-discharge lamp as claimed in claim 1, characterized in that the coating has a film thickness of from 5 nm to 20 μm .
3. (canceled)
4. (canceled)

5. (previously presented) A high-pressure gas-discharge lamp as claimed in claim 1, characterized in that the following layer is composed of Al_2O_3 .

6. (currently amended) A high-pressure gas-discharge lamp as claimed in claim 1, characterized in that the layer that is applied directly to the molybdenum ~~is composed of~~ includes AlN .

7. (currently amended) A high-pressure gas-discharge lamp as claimed in claim 1, characterized in that ~~the reduction in the size of the fused press-seal can be obtained as a function of a material of which the coating is composed~~ in a longitudinal direction is approximately 30 mm.

8. (previously presented) A high-pressure gas-discharge lamp as claimed in claim 1 for use for projection purposes.

9. (previously presented) A lighting device and/or projection device comprising at least one high-pressure gas-discharge lamp as claimed in claim 1.

10. (canceled)